

SYSTEMS ENGINEERING LABORATORIES, INCORPORATED

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FACILITY FORM 502	N 64-85279	
	(ACCESSION NUMBER)	(THRU)
	4	<i>none</i>
	(PAGES)	(CODE)
	0058866	
	(NASA CR OR TMX OR AD NUMBER)	(CATEGORY)

21 July 1964
SCO 2055-6078

National Aeronautics and Space Administration
George C. Marshall Space Flight Center
Huntsville, Alabama 35812

Attention: Mr. H. Ronald Greene, PR-RC
Contract Administrator

Subject: Contract NAS 8-11584
First Quarterly Report

Gentlemen:

This first quarterly progress report covers the reporting period of 17 April to 15 July 1964. Copies of engineering drawings are included as a part of this report. These drawings are not final drafted drawings but are engineering sketches included to reflect the design status of the project.

1.0 SUMMARY

The Navigation System Test Stations contract award was made on 17 April 1964. Contract negotiations were held after contract award to better define the overall job content both technically and administratively. These negotiations were completed and a final contract date assigned on 15 May 1964.

Actual project effort was started on 15 May 1964. The first three weeks of the project quarter were directed toward overall system planning and material handling planning. Assignment of technical personnel to the overall project effort was accomplished. Milestone lists which reflect the various time periods required for contractual performance were prepared and submitted in the first monthly progress report. The milestone lists are updated with each monthly progress report to indicate detailed job status.

NSA Huntsville

Attn: Mr. H. Ronald Greene

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21 July 1964

System logic design was started on 1 June 1964. Several drawings have now been completed with the exception of interwiring connections. These drawings are included in this report but are to be considered as engineering sketches and not final drawings as mentioned previously.

All major system components have been placed on order and delivery dates have been assigned. Present delivery estimates indicate that all items will be received within imposed time limitations.

The inspection plan and detailed performance specifications were forwarded to MSFC this quarter. Comments were received from MSFC regarding the inspection plan and appropriated changes are presently being made.

The first design review meeting was held at SEL this period with representatives from MSFC. A detailed discussion of drafting procedures and practices was held to familiarize the MSFC personnel with standard SEL drafting techniques. A brief discussion of the logic design was also included and system configuration was finalized.

At the present time all phases of the project are proceeding on schedule. Logic design is approximately 15% complete, mechanical design 5% complete.

2.0 PROJECTIONS FOR NEXT QUARTER INCLUDE

Completion of logic design, completion of major parts procurement and beginning of system fabrication and testing.

Yours very truly,

**SYSTEMS ENGINEERING LABORATORIES,
INCORPORATED**

**A. G. Randolph, Vice President
Marketing/Contracts**

AGR/hl

12 copies + 1 reproducible

Enclosures: 5 sets drawings